

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Savannah 5102 LaRoche Avenue Savannah, GA 31404 Tel: (912)354-7858

TestAmerica Job ID: 680-115487-2

Client Project/Site: Gold King Mine - Region 9

For:

Weston Solutions, Inc. 1400 Weston Way PO BOX 2653 West Chester, Pennsylvania 19380

Attn: Ms. Gretchen Fodor

Authorized for release by: 8/13/2015 6:04:26 PM

Sheila Hoffman, Project Manager II (912)354-7858 e.3004

hele Hoffman

sheila.hoffman@testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Case Narrative

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-2

Job ID: 680-115487-2

Laboratory: TestAmerica Savannah

Narrative

CASE NARRATIVE

Client: Weston Solutions, Inc.

Project: Gold King Mine - Region 9

Report Number: 680-115487-2

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In the event of interference or analytes present at high concentrations, samples may be diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

RECEIPT

The samples were received on 08/12/2015; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 2.8° C, 3.0° C, 4.0° C, 4.2° C, 4.2° C, 5.0° C and 5.8° C.

TOTAL DISSOLVED SOLIDS

Samples SJMC-081015-12 (680-115487-1), SJME-081015-11 (680-115487-2), SJMC-081015-11 (680-115487-3), SJ4C-081015-11 (680-115487-4), SJSR-081015-11 (680-115487-5), SJFP-081015-11 (680-115487-6), SJBB-081015-11 (680-115487-7), SJMH-081015-11 (680-115487-8), MECT-081015-11 (680-115487-9), SJLP-081015-11 (680-115487-10), SJDS-081015-11 (680-115487-11), SJHB-081015-11 (680-115487-12), SJHB-081015-12 (680-115487-13), SJ4C-081115-11 (680-115487-14), SJ4C-081115-12 (680-115487-15), SJSR-081115-11 (680-115487-16), SJMH-081115-11 (680-115487-17), SJBB-081115-11 (680-115487-18), SJMC-081115-11 (680-115487-19), SJME-081115-11 (680-115487-20), SJME-081115-12 (680-115487-24), SJDS-081115-11 (680-115487-25) and SJLP-081115-11 (680-115487-26) were analyzed for total dissolved solids in accordance with SM 2540C. The samples were analyzed on 08/12/2015.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Sample Summary

TestAmerica Job ID: 680-115487-2

Client: Weston Solutions, Inc. Project/Site: Gold King Mine - Region 9

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-115487-1	SJMC-081015-12	Water	08/10/15 13:40	08/12/15 09:46
680-115487-2	SJME-081015-11	Water	08/10/15 14:40	08/12/15 09:46
680-115487-3	SJMC-081015-11	Water	08/10/15 13:35	08/12/15 09:46
680-115487-4	SJ4C-081015-11	Water	08/10/15 15:05	08/12/15 09:46
680-115487-5	SJSR-081015-11	Water	08/10/15 12:10	08/12/15 09:46
680-115487-6	SJFP-081015-11	Water	08/10/15 10:35	08/12/15 09:46
680-115487-7	SJBB-081015-11	Water	08/10/15 12:40	08/12/15 09:46
680-115487-8	SJMH-081015-11	Water	08/10/15 11:35	08/12/15 09:46
680-115487-9	MECT-081015-11	Water	08/10/15 14:15	08/12/15 09:46
680-115487-10	SJLP-081015-11	Water	08/10/15 09:40	08/12/15 09:46
680-115487-11	SJDS-081015-11	Water	08/10/15 13:25	08/12/15 09:46
680-115487-12	SJHB-081015-11	Water	08/10/15 11:25	08/12/15 09:46
680-115487-13	SJHB-081015-12	Water	08/10/15 11:25	08/12/15 09:46
680-115487-14	SJ4C-081115-11	Water	08/11/15 09:52	08/12/15 09:46
680-115487-15	SJ4C-081115-12	Water	08/11/15 09:52	08/12/15 09:46
680-115487-16	SJSR-081115-11	Water	08/11/15 12:35	08/12/15 09:46
680-115487-17	SJMH-081115-11	Water	08/11/15 10:35	08/12/15 09:46
680-115487-18	SJBB-081115-11	Water	08/11/15 11:30	08/12/15 09:46
680-115487-19	SJMC-081115-11	Water	08/11/15 12:20	08/12/15 09:46
680-115487-20	SJME-081115-11	Water	08/11/15 13:30	08/12/15 09:46
680-115487-21	SJME-081115-12	Water	08/11/15 13:35	08/12/15 09:46
680-115487-22	MECT-081115-11	Water	08/11/15 13:45	08/12/15 09:46
680-115487-23	SJFP-081115-11	Water	08/11/15 13:45	08/12/15 09:46
680-115487-24	SJHB-081115-11	Water	08/11/15 13:05	08/12/15 09:46
680-115487-25	SJDS-081115-11	Water	08/11/15 11:40	08/12/15 09:46
680-115487-26	SJLP-081115-11	Water	08/11/15 14:25	08/12/15 09:46

Method Summary

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-2

Method	Method Description	Protocol	Laboratory
2540C-2011	Total Dissolved Solids (Dried at 180 °C)	SM	TAL SAV

Protocol References:

SM = "Standard Methods For The Examination Of Water And Wastewater",

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Definitions/Glossary

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-2

Qualifiers

General Chemistry

U Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation These commonly used abbreviations may or may not be present in this report.

Listed under the "D" column to designate that the result is reported on a dry weight basis

%R Percent Recovery
CFL Contains Free Liquid
CNF Contains no Free Liquid

DER Duplicate error ratio (normalized absolute difference)

Dil Fac Dilution Factor

DL, RA, RE, IN Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample

DLC Decision level concentration
MDA Minimum detectable activity
EDL Estimated Detection Limit
MDC Minimum detectable concentration

MDL Method Detection Limit
ML Minimum Level (Dioxin)

NC Not Calculated

ND Not detected at the reporting limit (or MDL or EDL if shown)

PQL Practical Quantitation Limit

QC Quality Control
RER Relative error ratio

RL Reporting Limit or Requested Limit (Radiochemistry)

RPD Relative Percent Difference, a measure of the relative difference between two points

TEF Toxicity Equivalent Factor (Dioxin)
TEQ Toxicity Equivalent Quotient (Dioxin)

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-2

Date Collected: 08/10/15 13:40 Date Received: 08/12/15 09:46 Matrix: Water

General Chemistry									
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	350		10	10	mg/L			08/12/15 15:26	1

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-2

Client Sample ID: SJME-081015-11 Lab Sample ID: 680-115487-2

Date Collected: 08/10/15 14:40 Date Received: 08/12/15 09:46 Matrix: Water

General Chemistry	.	0 175	-	ъ.	11.74	_			D.1.E
Analyte	Result	Qualifier	RL	KL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	370		10	10	mg/L			08/12/15 15:26	1

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-2

Client Sample ID: SJMC-081015-11 Lab Sample ID: 680-115487-3

Date Collected: 08/10/15 13:35

Matrix: Water Date Received: 08/12/15 09:46

General Chemistry RL Analyte Result Qualifier **RL** Unit D Prepared Analyzed Dil Fac **Total Dissolved Solids** 360 10 10 mg/L 08/12/15 15:26

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-2

Client Sample ID: SJ4C-081015-11 Lab Sample ID: 680-115487-4

Date Collected: 08/10/15 15:05 Date Received: 08/12/15 09:46 . Matrix: Water

General Chemistry									
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	390		10	10	mg/L			08/12/15 15:26	1

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-2

Date Collected: 08/10/15 12:10 Matrix: Water

Date Received: 08/12/15 09:46

General Chemistry							
Analyte	Result Qualifier	RL	RL Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	330	10	10 mg/			08/12/15 15:26	1

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-2

Date Collected: 08/10/15 10:35 Date Received: 08/12/15 09:46 . Matrix: Water

General Chemistry				_			
Analyte	Result Qualifier	RL	RL Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	270	10	10 mg/L			08/12/15 15:26	1

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-2

Client Sample ID: SJBB-081015-11 Lab Sample ID: 680-115487-7

Date Collected: 08/10/15 12:40 Matrix: Water

Date Received: 08/12/15 09:46

General Chemistry							
Analyte	Result Qualifier	RL	RL Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	380	10	10 mg/L			08/12/15 15:26	1

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-2

Client Sample ID: SJMH-081015-11 Lab Sample ID: 680-115487-8

Date Collected: 08/10/15 11:35 Date Received: 08/12/15 09:46 Matrix: Water

General Chemistry	.	0 175	-	ъ.	11.74	_			D.1.E
Analyte	Result	Qualifier	RL	KL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	370		10	10	mg/L			08/12/15 15:26	1

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-2

Client Sample ID: MECT-081015-11 Lab Sample ID: 680-115487-9

Date Collected: 08/10/15 14:15 Date Received: 08/12/15 09:46 Matrix: Water

General Chemistry								
Analyte	Result Qu	alifier RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	1100	10	10	mg/L			08/12/15 15:26	1

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-2

Client Sample ID: SJLP-081015-11 Lab Sample ID: 680-115487-10

Date Collected: 08/10/15 09:40 Matrix: Water

Date Received: 08/12/15 09:46

General Chemistry							
Analyte	Result Qualifie	r RL	RL Ur	nit D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	260	10	10 mg	g/L		08/12/15 15:26	1

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-2

Date Collected: 08/10/15 13:25 Matrix: Water

Date Received: 08/12/15 09:46

General Chemistry							
Analyte	Result Qualifier	RL	RL Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	340	10	10 mg/L			08/12/15 15:26	1

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-2

Client Sample ID: SJHB-081015-11 Lab Sample ID: 680-115487-12

Date Collected: 08/10/15 11:25 Date Received: 08/12/15 09:46

Matrix: Water

General Chemistry								
Analyte	Result	Qualifier	RL	RL Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	260		10	10 mg/L			08/12/15 16:59	1

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-2

Client Sample ID: SJHB-081015-12

Lab Sample ID: 680-115487-13

Date Collected: 08/10/15 11:25 Matrix: Water

Date Received: 08/12/15 09:46

General Chemistry							
Analyte	Result Qualifier	RL	RL Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	260	10	10 mg/L			08/12/15 16:59	1

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-2

Client Sample ID: SJ4C-081115-11 Lab Sample ID: 680-115487-14

Date Collected: 08/11/15 09:52 Date Received: 08/12/15 09:46 Matrix: Water

Genera Analyte	Chemistry	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dis	solved Solids	140		10	10	mg/L			08/12/15 16:59	1

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-2

Client Sample ID: SJ4C-081115-12 Lab Sample ID: 680-115487-15

Date Collected: 08/11/15 09:52 Matrix: Water

Date Received: 08/12/15 09:46

General Chemistry									
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	350		10	10	mg/L			08/12/15 16:59	1

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-2

Client Sample ID: SJSR-081115-11 Lab Sample ID: 680-115487-16

Date Collected: 08/11/15 12:35 Matrix: Water

Date Received: 08/12/15 09:46

General Chemistry							
Analyte	Result Qualifier	RL	RL Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	290	10	10 mg/L			08/12/15 16:59	1

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-2

Client Sample ID: SJMH-081115-11

Date Collected: 08/11/15 10:35 Date Received: 08/12/15 09:46 Lab Sample ID: 680-115487-17

Matrix: Water

General Chemistry Analyte	Result Qualifier	RL	RL Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	350	10	10 mg/L			08/12/15 16:59	1

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-2

Client Sample ID: SJBB-081115-11

Lab Sample ID: 680-115487-18 Date Collected: 08/11/15 11:30 Matrix: Water

Date Received: 08/12/15 09:46

General Chemistry							
Analyte	Result Qualifier	RL	RL Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	330	10	10 mg/L			08/12/15 16:59	1

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-2

Client Sample ID: SJMC-081115-11 Lab Sample ID: 680-115487-19

Date Collected: 08/11/15 12:20 Date Received: 08/12/15 09:46 . Matrix: Water

General Chemistry									
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	1100		10	10	mg/L			08/12/15 16:59	1

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-2

Lab Sample ID: 680-115487-20

Client Sample ID: SJME-081115-11

Date Collected: 08/11/15 13:30

Matrix: Water

Date Received: 08/12/15 09:46

General Chemistry									
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	280		10	10	mg/L			08/12/15 16:59	1

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-2

Date Collected: 08/11/15 13:35

Matrix: Water

Date Received: 08/12/15 09:46

General Chemistry									
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	290		10	10	mg/L			08/12/15 16:59	1

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-2

Client Sample ID: MECT-081115-11 Lab Sample ID: 680-115487-22

Date Collected: 08/11/15 13:45 Date Received: 08/12/15 09:46 Matrix: Water

General Chemistry									
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	310		10	10	mg/L			08/12/15 16:59	1

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-2

Matrix: Water

Client Sample ID: SJFP-081115-11

Lab Sample ID: 680-115487-23

Date Collected: 08/11/15 13:45 Date Received: 08/12/15 09:46

General Chemistry							
Analyte	Result Qualifier	RL	RL Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	300	10	10 mg/L			08/12/15 16:59	1

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-2

Client Sample ID: SJHB-081115-11 Lab Sample ID: 680-115487-24

Date Collected: 08/11/15 13:05 Matrix: Water

Date Received: 08/12/15 09:46

General Chemistry									
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	350		10	10	mg/L			08/12/15 16:59	1

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-2

Client Sample ID: SJDS-081115-11 Lab Sample ID: 680-115487-25

Date Collected: 08/11/15 11:40 Date Received: 08/12/15 09:46 Matrix: Water

General Chemistry	Result Qualifier	DI	RL Unit	Б	Droparad	Analyzed	Dil Fac
Analyte	Result Qualifier	RL	KL UIII	U	Prepared	Analyzeu	DII Fac
Total Dissolved Solids	340	10	10 mg/L			08/12/15 16:59	1

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-2

Client Sample ID: SJLP-081115-11 Lab Sample ID: 680-115487-26

Date Collected: 08/11/15 14:25 Matrix: Water

Date Received: 08/12/15 09:46

General Chemistry									
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	330		10	10	mg/L			08/12/15 16:59	1

QC Sample Results

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-2

Method: 2540C-2011 - T	otal Diss	SOIV	red Sol	ids (Dı	ried	at 180	0 °C)							
Lab Sample ID: MB 680-395 Matrix: Water	755/1								(Clie	nt Sam	ple ID: M Prep Ty _l		
Analysis Batch: 395755		MR	МВ											
Analyte	Re		Qualifier		RL		RL Unit		D	Pı	repared	Analyz	red .	Dil Fac
Total Dissolved Solids		5.0			5.0		5.0 mg/L		_		срагса	08/12/15		1
							-1.5g/=							
Lab Sample ID: LCS 680-39 Matrix: Water	5755/2							Cli	ent	Sar	nple ID	: Lab Cor Prep Ty _l		-
Analysis Batch: 395755														
				Spike		LCS		•• ••		_		%Rec.		
Analyte				Added			Qualifier	Unit		D	%Rec	Limits		
Total Dissolved Solids				59.0		67.0		mg/L			114	80 - 120		
Lab Sample ID: LCSD 680-3 Matrix: Water	95755/3						C	lient S	Sam	ple	ID: Lab	Control Prep Ty		
Analysis Batch: 395755														
· ·				Spike		LCSD	LCSD					%Rec.		RPD
Analyte				Added		Result	Qualifier	Unit		D	%Rec	Limits	RPD	Limit
Total Dissolved Solids				59.0		63.0		mg/L		_	107	80 - 120	6	25
 Lab Sample ID: 680-115487- Matrix: Water	-2 DU								Cli	ent	Sample	ID: SJM Prep Ty		
Analysis Batch: 395755														
-	Sample	San	nple			DU	DU							RPD
Analyte	Result	Qua	alifier				Qualifier	Unit		D			RPD	
Total Dissolved Solids	370					352		mg/L					4	5
Lab Sample ID: MB 680-395 Matrix: Water Analysis Batch: 395795	795/1	МВ	МВ						(Clie	nt Sam	ple ID: M Prep Ty _l		
Analyte	Re	sult	Qualifier		RL		RL Unit		D	Pi	repared	Analyz	zed	Dil Fac
Total Dissolved Solids		5.0	U		5.0		5.0 mg/L		_			08/12/15	16:59	1
Lab Sample ID: LCS 680-39 Matrix: Water Analysis Batch: 395795	5795/2							Cli	ent	Sar	mple ID	: Lab Cor Prep Ty _l		*
				Spike		LCS						%Rec.		
Analyte				Added			Qualifier	Unit		D	%Rec	Limits		
Total Dissolved Solids				59.0		67.0		mg/L			114	80 - 120		
Lab Sample ID: LCSD 680-3 Matrix: Water	95795/3						C	lient S	3am	ple	ID: Lab	Control Prep Ty		
Analysis Batch: 395795				0 11								A/ D		555
Amaluta				Spike Added		LCSD		Unit		_	0/ Doo	%Rec.	חחח	RPD
Analyte Total Dissolved Solids				59.0		65.0	Qualifier	Unit mg/L		D	%Rec 110	Limits 80 - 120	RPD 3	
 Lab Sample ID: 680-115487- Matrix: Water	-12 DU			00.0		00.0		mg/L	Cli	ent		iD: SJH Prep Ty	B-0810	015-11
Analysis Batch: 395795														
.,	Sample	Can	nnia			ווח	ווח							תמם
	Sample Result					DU		Unit		ת			DDU.	RPD Limit
Analyte Total Dissolved Solids	Sample Result						DU Qualifier	Unit mg/L		D			RPD 4	Limit

QC Sample Results

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-2

Lab Sample ID: 680-115487-22 DU

Client Sample ID: MECT-081115-11

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 395795

	Sample	Sample	DU	DU				RPD
Analyte	Result	Qualifier	Result	Qualifier	Unit	D	RPD	Limit
Total Dissolved Solids	310		 318		mg/L		2	5

QC Association Summary

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

General Chemistry

Analysis Batch: 395755

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115487-1	SJMC-081015-12	Total/NA	Water	2540C-2011	
680-115487-2	SJME-081015-11	Total/NA	Water	2540C-2011	
680-115487-2 DU	SJME-081015-11	Total/NA	Water	2540C-2011	
680-115487-3	SJMC-081015-11	Total/NA	Water	2540C-2011	
680-115487-4	SJ4C-081015-11	Total/NA	Water	2540C-2011	
680-115487-5	SJSR-081015-11	Total/NA	Water	2540C-2011	
680-115487-6	SJFP-081015-11	Total/NA	Water	2540C-2011	
680-115487-7	SJBB-081015-11	Total/NA	Water	2540C-2011	
680-115487-8	SJMH-081015-11	Total/NA	Water	2540C-2011	
680-115487-9	MECT-081015-11	Total/NA	Water	2540C-2011	
680-115487-10	SJLP-081015-11	Total/NA	Water	2540C-2011	
680-115487-11	SJDS-081015-11	Total/NA	Water	2540C-2011	
LCS 680-395755/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-395755/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
MB 680-395755/1	Method Blank	Total/NA	Water	2540C-2011	

Analysis Batch: 395795

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115487-12	SJHB-081015-11	Total/NA	Water	2540C-2011	_
680-115487-12 DU	SJHB-081015-11	Total/NA	Water	2540C-2011	
680-115487-13	SJHB-081015-12	Total/NA	Water	2540C-2011	
680-115487-14	SJ4C-081115-11	Total/NA	Water	2540C-2011	
680-115487-15	SJ4C-081115-12	Total/NA	Water	2540C-2011	
680-115487-16	SJSR-081115-11	Total/NA	Water	2540C-2011	
680-115487-17	SJMH-081115-11	Total/NA	Water	2540C-2011	
680-115487-18	SJBB-081115-11	Total/NA	Water	2540C-2011	
680-115487-19	SJMC-081115-11	Total/NA	Water	2540C-2011	
680-115487-20	SJME-081115-11	Total/NA	Water	2540C-2011	
680-115487-21	SJME-081115-12	Total/NA	Water	2540C-2011	
680-115487-22	MECT-081115-11	Total/NA	Water	2540C-2011	
680-115487-22 DU	MECT-081115-11	Total/NA	Water	2540C-2011	
680-115487-23	SJFP-081115-11	Total/NA	Water	2540C-2011	
680-115487-24	SJHB-081115-11	Total/NA	Water	2540C-2011	
680-115487-25	SJDS-081115-11	Total/NA	Water	2540C-2011	
680-115487-26	SJLP-081115-11	Total/NA	Water	2540C-2011	
LCS 680-395795/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-395795/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
MB 680-395795/1	Method Blank	Total/NA	Water	2540C-2011	

TestAmerica Savannah

TestAmerica Job ID: 680-115487-2

Lab Chronicle

Client: Weston Solutions. Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-2

Lab Sample ID: 680-115487-1

Client Sample ID: SJMC-081015-12 Date Collected: 08/10/15 13:40 Matrix: Water

Date Received: 08/12/15 09:46

Dil Batch Batch Initial Final Batch Prepared Prep Type Type Method Run **Factor Amount Amount** Number or Analyzed **Analyst** 50 mL Total/NA Analysis 2540C-2011 100 mL 395755 08/12/15 15:26 **JER** TAL SAV

Instrument ID: NOEQUIP

Client Sample ID: SJME-081015-11 Lab Sample ID: 680-115487-2

Date Collected: 08/10/15 14:40 Matrix: Water

Date Received: 08/12/15 09:46

Batch **Batch** Dil Initial Final Batch Prepared Prep Type Method Factor Amount Amount Number or Analyzed Type Run Analyst Lab 395755 08/12/15 15:26 JER Total/NA 2540C-2011 50 mL 100 mL TAL SAV Analysis Instrument ID: NOEQUIP

Client Sample ID: SJMC-081015-11 Lab Sample ID: 680-115487-3

Date Collected: 08/10/15 13:35 Matrix: Water

Date Received: 08/12/15 09:46

Date Received: 08/12/15 09:46

Dil Initial Final Batch Ratch Ratch Prepared Prep Type Type Method Run Factor **Amount Amount** Number or Analyzed Analyst Lab 08/12/15 15:26 JER TAL SAV Total/NA Analysis 2540C-2011 50 mL 100 mL 395755 Instrument ID: NOEQUIP

Lab Sample ID: 680-115487-4 Client Sample ID: SJ4C-081015-11

Date Collected: 08/10/15 15:05

Batch Dil Initial Final Batch Batch Prepared

Method Number or Analyzed Analyst Prep Type Type Run **Factor** Amount Amount Lab 2540C-2011 08/12/15 15:26 TAL SAV Total/NA Analysis 50 mL 100 mL 395755 JER

Instrument ID: NOEQUIP

Client Sample ID: SJSR-081015-11 Lab Sample ID: 680-115487-5

Date Collected: 08/10/15 12:10 Matrix: Water Date Received: 08/12/15 09:46

Batch Batch Dil Initial Final Batch Prepared

Method Number or Analyzed Prep Type Type Run **Factor** Amount Amount Analyst Lab 2540C-2011 50 mL 395755 08/12/15 15:26 JER TAL SAV Total/NA Analysis 100 ml

Instrument ID: NOEQUIP

Client Sample ID: SJFP-081015-11 Lab Sample ID: 680-115487-6

Date Collected: 08/10/15 10:35 Matrix: Water Date Received: 08/12/15 09:46

Dil Initial Final Batch Prepared Batch Batch Method Amount Amount Number or Analyzed Prep Type Type Run Factor **Analyst** Lab

50 mL

100 mL

395755

Instrument ID: NOEQUIP

2540C-2011

Analysis

TestAmerica Savannah

TAL SAV

08/12/15 15:26 JER

Matrix: Water

Total/NA

Lab Chronicle

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-2

Client Sample ID: SJBB-081015-11 Lab Sample ID: 680-115487-7

Date Collected: 08/10/15 12:40 Matrix: Water

Date Received: 08/12/15 09:46

Dil Initial Batch Batch Final Batch Prepared Prep Type Type Method Run **Factor Amount** Amount Number or Analyzed **Analyst** Lab Total/NA Analysis 2540C-2011 50 mL 100 mL 395755 08/12/15 15:26 JER TAL SAV Instrument ID: NOEQUIP

Client Sample ID: SJMH-081015-11 Lab Sample ID: 680-115487-8

Date Collected: 08/10/15 11:35 Matrix: Water

Date Received: 08/12/15 09:46

Batch Batch Dil Initial Final Batch Prepared Prep Type Type Method Run Factor Amount **Amount** Number or Analyzed Analyst Lab Total/NA 2540C-2011 50 mL 395755 08/12/15 15:26 JER TAL SAV Analysis 100 mL Instrument ID: NOEQUIP

Client Sample ID: MECT-081015-11 Lab Sample ID: 680-115487-9

Date Collected: 08/10/15 14:15 Matrix: Water

Date Received: 08/12/15 09:46

Dil Initial Batch Batch Final Batch Prepared Prep Type Type Method Run Factor Amount Amount Number or Analyzed Analyst Lab Total/NA 2540C-2011 50 mL 100 mL 395755 08/12/15 15:26 JER TAL SAV Analysis Instrument ID: NOEQUIP

Client Sample ID: SJLP-081015-11 Lab Sample ID: 680-115487-10

Date Collected: 08/10/15 09:40 Matrix: Water

Date Received: 08/12/15 09:46

Dil Batch Batch Initial Final Batch Prepared Method Factor **Amount** Number or Analyzed Prep Type Type Run Amount **Analyst** Lab Total/NA Analysis 2540C-2011 50 mL 100 mL 395755 08/12/15 15:26 JER TAL SAV Instrument ID: NOEQUIP

Client Sample ID: SJDS-081015-11 Lab Sample ID: 680-115487-11

Date Collected: 08/10/15 13:25 Matrix: Water

Date Received: 08/12/15 09:46

Batch Batch Dil Initial **Final Batch** Prepared Prep Type Type Method Run **Factor Amount Amount** Number or Analyzed Analyst Lab Total/NA 2540C-2011 50 mL 100 mL 395755 08/12/15 15:26 JER TAL SAV Analysis Instrument ID: NOEQUIP

Client Sample ID: SJHB-081015-11 Lab Sample ID: 680-115487-12

Date Collected: 08/10/15 11:25 Matrix: Water

Date Received: 08/12/15 09:46

Batch **Batch** Dil Initial Final Batch Prepared Prep Type Type Method Run **Factor** Amount Amount Number or Analyzed Analyst Lab 2540C-2011 395795 08/12/15 16:59 JER TAL SAV Total/NA Analysis 50 mL 100 mL Instrument ID: NOEQUIP

Lab Chronicle

Client: Weston Solutions. Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-2

Client Sample ID: SJHB-081015-12 Lab Sample ID: 680-115487-13

Date Collected: 08/10/15 11:25 Matrix: Water

Date Received: 08/12/15 09:46

Dil Initial Batch Batch Final Batch Prepared Prep Type Type Method Run **Factor Amount** Amount Number or Analyzed **Analyst** Lab Total/NA Analysis 2540C-2011 50 mL 100 mL 395795 08/12/15 16:59 JER TAL SAV Instrument ID: NOEQUIP

Lab Sample ID: 680-115487-14 Client Sample ID: SJ4C-081115-11

Date Collected: 08/11/15 09:52 Matrix: Water

Date Received: 08/12/15 09:46

Batch Batch Dil Initial Final Batch Prepared Prep Type Type Method Run Factor Amount **Amount** Number or Analyzed Analyst Lab Total/NA 2540C-2011 50 mL 395795 08/12/15 16:59 JER TAL SAV Analysis 100 mL Instrument ID: NOEQUIP

Client Sample ID: SJ4C-081115-12 Lab Sample ID: 680-115487-15

Date Collected: 08/11/15 09:52 Matrix: Water

Date Received: 08/12/15 09:46

Dil Initial Batch Batch Final Batch Prepared Prep Type Type Method Run **Factor** Amount Amount Number or Analyzed Analyst Lab Total/NA 2540C-2011 50 mL 100 mL 395795 08/12/15 16:59 JER TAL SAV Analysis Instrument ID: NOEQUIP

Client Sample ID: SJSR-081115-11 Lab Sample ID: 680-115487-16

Date Collected: 08/11/15 12:35 Matrix: Water

Date Received: 08/12/15 09:46

Dil Batch Batch Initial Final Batch Prepared Method Factor **Amount** Number or Analyzed Prep Type Type Run Amount **Analyst** Lab Total/NA Analysis 2540C-2011 50 mL 100 mL 395795 08/12/15 16:59 JER TAL SAV Instrument ID: NOEQUIP

Client Sample ID: SJMH-081115-11 Lab Sample ID: 680-115487-17

Date Collected: 08/11/15 10:35 Matrix: Water

Date Received: 08/12/15 09:46

Batch Batch Dil Initial **Final Batch** Prepared Prep Type Type Method Run **Factor Amount Amount** Number or Analyzed Analyst Lab Total/NA 2540C-2011 50 mL 100 mL 395795 08/12/15 16:59 JER TAL SAV Analysis Instrument ID: NOEQUIP

Client Sample ID: SJBB-081115-11 Lab Sample ID: 680-115487-18

Date Collected: 08/11/15 11:30 Matrix: Water

Date Received: 08/12/15 09:46

Batch Batch Dil Initial Final Batch Prepared Prep Type Type Method Run **Factor** Amount Amount Number or Analyzed Analyst Lab 2540C-2011 395795 08/12/15 16:59 JER TAL SAV Total/NA Analysis 50 mL 100 mL Instrument ID: NOEQUIP

Lab Chronicle

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-2

Client Sample ID: SJMC-081115-11 Lab Sample ID: 680-115487-19

Date Collected: 08/11/15 12:20 Matrix: Water

Date Received: 08/12/15 09:46

Dil Initial Batch Batch Final Batch Prepared Prep Type Type Method Run **Factor Amount** Amount Number or Analyzed **Analyst** Lab Total/NA Analysis 2540C-2011 50 mL 100 mL 395795 08/12/15 16:59 JER TAL SAV Instrument ID: NOEQUIP

Client Sample ID: SJME-081115-11 Lab Sample ID: 680-115487-20

Date Collected: 08/11/15 13:30 Matrix: Water

Date Received: 08/12/15 09:46

Batch Batch Dil Initial Final Batch Prepared Prep Type Type Method Run Factor Amount **Amount** Number or Analyzed Analyst Lab Total/NA 2540C-2011 50 mL 395795 08/12/15 16:59 JER TAL SAV Analysis 100 mL Instrument ID: NOEQUIP

Client Sample ID: SJME-081115-12 Lab Sample ID: 680-115487-21

Date Collected: 08/11/15 13:35 Matrix: Water

Date Received: 08/12/15 09:46

Dil Initial Batch **Batch** Final Batch Prepared Prep Type Type Method Run Factor Amount Amount Number or Analyzed Analyst Lab Total/NA 2540C-2011 50 mL 100 mL 395795 08/12/15 16:59 JER TAL SAV Analysis Instrument ID: NOEQUIP

Client Sample ID: MECT-081115-11 Lab Sample ID: 680-115487-22

Date Collected: 08/11/15 13:45 Matrix: Water

Date Received: 08/12/15 09:46

Dil Batch **Batch** Initial Final Batch Prepared Method Factor **Amount** Number or Analyzed Prep Type Type Run Amount **Analyst** Lab Total/NA Analysis 2540C-2011 50 mL 100 mL 395795 08/12/15 16:59 JER TAL SAV Instrument ID: NOEQUIP

Client Sample ID: SJFP-081115-11 Lab Sample ID: 680-115487-23

Date Collected: 08/11/15 13:45 Matrix: Water

Date Received: 08/12/15 09:46

Batch Batch Dil Initial **Final Batch** Prepared Prep Type Type Method Run **Factor Amount Amount** Number or Analyzed Analyst Lab Total/NA 2540C-2011 50 mL 100 mL 395795 08/12/15 16:59 JER TAL SAV Analysis Instrument ID: NOEQUIP

Client Sample ID: SJHB-081115-11 Lab Sample ID: 680-115487-24

Date Collected: 08/11/15 13:05 Matrix: Water

Date Received: 08/12/15 09:46

Batch Batch Dil Initial Final Batch Prepared Prep Type Type Method Run **Factor** Amount Amount Number or Analyzed Analyst Lab 2540C-2011 395795 08/12/15 16:59 JER TAL SAV Total/NA Analysis 50 mL 100 mL Instrument ID: NOEQUIP

Lab Chronicle

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-2

Client Sample ID: SJDS-081115-11 Lab Sample ID: 680-115487-25

Date Collected: 08/11/15 11:40 Matrix: Water

Date Received: 08/12/15 09:46

Dil Initial Batch Batch Final Batch Prepared Prep Type Type Method Run **Factor** Amount **Amount** Number or Analyzed Analyst Total/NA Analysis 2540C-2011 50 mL 100 mL 395795 08/12/15 16:59 JER TAL SAV Instrument ID: NOEQUIP

Client Sample ID: SJLP-081115-11 Lab Sample ID: 680-115487-26

Date Collected: 08/11/15 14:25 Matrix: Water

Date Received: 08/12/15 09:46

Batch Batch Dil Initial Final Batch Prepared Prep Type Type Method Run Factor Amount Amount Number or Analyzed Analyst Lab Total/NA 2540C-2011 50 mL 100 mL 395795 08/12/15 16:59 JER TAL SAV Analysis Instrument ID: NOEQUIP

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

TestAmerica Savannah

Chain of Custody Record

TestAmerica

5102 LaRoche Avenue

Savannah, GA 31404-6019 phone 912.354.7858 fax 912.352.0165	Regu	latory Pro	gram: [] wd [NPDES	5 [RC	RA		Other:	,											TestAme	erica L	abora	tories	s, inc.
Client Contact	Project M	anaαer: Jo	onathan Co	olomb		Site	Cor	ıtacı	t: Jo	nath	an Co	lomb) [)ate:	8/11	1/15					C	DC No:	in the second			
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San Antonio, TX 78216-5842	CALENI			KING DAYS	S			Dissolved Metals; including Hg**														r Lab Us	e Only	*		-
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(xxx) xxx-xxxx FAX	1 0		weeks					igi							-						La	b Sampli	ng:			
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Preservation Used: 1= Ice, 2= HCI; 3= H2SO4; 4=HNO3; 5=	-NaOH; 6=	Other																								
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please I	_ist any EP	A Waste C	odes for the	sample	in the	\$	Samp	ole [Disp	osal (A fee	e ma	y be	asse	essec	d if s	sam	ples	аге г	etain	ed I	onger th	an 1 m	onth)		
Comments Section if the lab is to dispose of the sample.																										
Non-Hazard Flammable Skin Irritant	Poison	В	Unkno	wn				Retur	rn to (Client	and the second		Disp	osal b	oy Lab		angular annua		Archive	for		Mon	:hs	www.Repursymics	nd-termy morning	
Special Instructions/QC Requirements & Comments:																										
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** EPA 200.7, 200.8, 245.1															-	۲. (/	T	_	on-					
Dissolved metals samples have been field filtered Custody Seals Intact: Yes No	Custody S	cal Na ·			DESCRIPTION OF				A Co	oler T	emp.	(°C):	OKS	'd-		-	Cor	rd.	anadarosano		Tr	erm,ID N	O.:			
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Relinquished by: Jonathan Colomb	Company.		v.uuvii0	8/11/15) [[_//	M	A A.	M	1/ k	? <i>I</i>	R				7				X	nte/Time:	Δ	_Z.	7	0
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Chain of Custody Record

5102 LaRoche Avenue

TestAmerica

Savannah, GA 31404-6019 phone 912.354.7858 fax 912.352.0165	Regu	latory Pro	ogram: [] wo [NPDE:	s	RC	RA		Other:											re LEADER T estAm e				
Client Contact			onathan Co			_	ALL DESCRIPTION OF THE PARTY OF	April profession			an Co	lomb	, D	ete: 8	/11/15	5				***************************************	C No:				
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Project Name: Gold King Mine - Region 9			l week			12	2 2	:: ::	. '	E			l							<u> </u>					
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Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please L Comments Section if the lab is to dispose of the sample.			odes for the	e sample	in the	- 8	Samp	ole E	Dispo	osal (A fee	e may	/ be a	sess	sed if	sam	ples	аге г	retair	ned I	onger th	an 1 mo	onth)		
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* (200.7: Al, Ca, Fe, K, Mg, Na) (200.8: Sb, As, Ba, Be, Cd, Cr,	Co, Cu, M), IVIN, IVIO,	NI, Ag, Se	, 11, V, Z	.N) (24	5. 1 n	19) (5 VI 4.	34UE	³⁾ ((1X	()	7	13	70	5 /		and) (2	1.	1			ı
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Dissolved metals samples have been field filtered Custody Seals Intact: Yes No	Custody S	Soal No :		***************************************	and the second	garpen menderical	470,000		ICo	oler T	emp.	(°C):	Obs'd			Cor	rr'd:	DESCRIPTION OF		Th	erm ID N	n :		PARAMETERS	
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Chain of Custody Record

5102 LaRoche Avenue

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Savannah, GA 31404-6019 phone 912.354.7858 fax 912.352.0165	Requi	atory Pro	gram:	J DW [TNPDES	г	RCF	2Λ	По	ther.											TestAmerica Laboratories,	
Client Contact				and the state of the second state of			- Commence		Jon	marijani arabi nijemo	- Cal		10	ntn.	B/11/	4 C	***************************************			inio e veglureso	COC No:	
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Weston Solutions, Inc.		73-947-40		T :		Lab	Con	Tact	: She	na m	onima T	an T	۲-	arrie	r: Fe	QEX	-	-	7	1		
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San Antonio, TX 78216-5842	CALENI	·		KING DAY		L		H						1	1 1		-		1		Walk-in Client:	
(703) 724-0544 Phone	l	T if different fr				_ 2	including HG*	듣		-											Lab Sampling:	
(xxx) xxx-xxxx FAX			weeks			2 2	Ē	를		<u>_</u>							-				Lab Sampling.	
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Relinquished by:	Company:		*****	Date/Ti	me:	R	Recei	ved	in Lal	oorato	ry by	r:			Cor	npan	y:				Date/Time:	



















Chain of Custody Record

5102 LaRoche Avenue



Savannah, GA 31404-6019 phone 912.354.7858 fax 912.352.0165	Regu	latory Pro	gram: [] wdF	INPDES	з Г	RCR	.A	П	Other:										TestAmerica Laboratorie	
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Chain of Custody Record

5102 LaRoche Avenue

<u>TestAmerica</u>

Savannah, GA 31404-6019																					THE LEADER IN ENVIRONMENTAL I	TESTING
phone 912.354.7858 fax 912.352.0165	Regu	latory Pro	gram: [] wo [NPDES		RCF	ČA.	<u></u> □°	ther:	,										TestAmerica Laboratorie	es, Inc.
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Weston Solutions, Inc.	Tel/Fax: 7	73-947-40	64			Lab	Con	tact	: She	eila F	loffm	an		Carrie	er: Fe	d Ex	<u> </u>				1 of1 COCs	s
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TestAmerica Savannah

5102 LaRoche Avenue

Chain of Custody Record

THE LEADER IN ENVIRONMENTAL TESTING Savannah, GA 31404-6019 phone 912.354.7858 fax 912.352.0165 Regulatory Program: ☐ DW TestAmerica Laboratories. Inc. ☐ RCRA Other: COC No: Project Manager: Jonathan Colomb Client Contact Site Contact: Jonathan Colomb Date: 8/11/15 COCs Weston Solutions, Inc. Tel/Fax: 773-947-4064 Lab Contact: Sheila Hoffman Carrier: Fed Ex 70 N.E. Loop 410; Suite 600 **Analysis Turnaround Time** Sampler: Dissolved Metals; including Hg** San Antonio, TX 78216-5842 ✓ CALENDAR DAYS WORKING DAYS For Lab Use Only: Walk-in Client: (703) 724-0544 Phone Perform MS / MSD (Y / N) Total Metals; including HG* TAT if different from Below FAX (xxx) xxx-xxxx Lab Sampling: 2 weeks Project Name: Gold King Mine - Region 9 Alkalinity (SM2320B) 1 week Site: Region 9 2 days Job / SDG No.: TSS (SM2540D) (SM2450C) P O # 20409.016.002.0010.08 7 1 day Sample Type Sample Sample #of (C=Comp Time Matrix Sample Identification Date G≃Grab) Cont. Sample Specific Notes: Х Х Х 8/11/15 1345 G W SJFP-081115-11 8/11/15 G W Х 1305 SJHB-081115-11 Х Х 8/11/15 1140 G W SJDS-081115-11 Х 8/11/15 1425 G W Χ Х SJLP-081115-11 Preservation Used: 1= Ice, 2= HCI; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other Possible Hazard Identification: Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample. Non-Hazard Flammable Skin Irritant Poison B Unknown Archive for Months Return to Client Special Instructions/QC Requirements & Comments: (200.7: Al, Ca, Fe, K, Mg, Na) (200.8: Sb, As, Ba, Be, Cd, Cr, Co, Cu, Pb, Mn, Mo, Ni, Ag, Se, Tl, V, ZN) (245.1 Hg) (SM2340B) ** EPA 200.7, 200.8, 245.1 Dissolved metals samples have been field filtered Cooler Temp. (°C): Obs'd: Therm ID No Custody Seals Intact: ☐ Yes Costody Seal No.: Corr'd: Belinquished by: Jonathan Colomb Company: Weston Solutions Date/Time: Received/by 8/11/15; 16:00 Relinquished by: Company: Date/Time: Date/Time: Received by: Company: Relinquished by: Date/Time: Date/Time: Received in Laboratory by: Company: Company:





















Chain of Custody Record

5102 LaRoche Avenue

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Savannah, GA 31404-6019 phone 912.354.7858 fax 912.352.0165	Regui	latory Pro	gram: [] wd[NPDES	5 F	RCR	·A	П	Other:											TestAmerica Laboratories, Inc.
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(703) 724-0544 Phone	+=	T if different fr	om Below				1 5	ng I													Walk-in Client:
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Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please Comments Section if the lab is to dispose of the sample.	List any EP	A Waste C	odes for the	e sample	in the		amp	le D	ispo	osal (A fe	e ma	y be a	asses	sed	if sar	nple	s ar	e ref	tain	ed longer than 1 month)
Non-Hazard Flammable Skin Irritant	Poison	В	Unkno	wn			П	Retur	n to (Client		r	Disp	osal hv	Lah		Γ	Arc	hive f	or	Months
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Relinquished by: Jonathan Colomb	Company	: Weston S	olutions	Date/Ti 8/11/15			ece	ad /	BY.	li)	V	l	7	P	Con	npany	1	7		7	Pate Time: Q. V
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Form No. CA-C-WI-002, Rev. 4.5, dated 07/15/2015











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Chain of Custody Record

5102 LaRoche Avenue

TestAmerica

Powenneh CA 21404 6010																						THE LEADER IN ENVIRONMENTAL TESTING
Savannah, GA 31404-6019 phone 912.354.7858 fax 912.352.0165	Regu	latory Pro	ogram: [] wd [NPDE	:s	<u></u> '	RCRA	[Othe	er:											TestAmerica Laboratories, Inc.
Client Contact	Project M	lanager: Jo	onathan Co	olomb	<u>Versilangering</u> er en ger	Sit	te C	Conta	ıct; .	Jonat	than	Col	omb	D.	ate:	8/11/	15		eric construction of the last	an contiguida		COC No:
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San Antonio, TX 78216-5842	Z CALEN	DAR DAYS	☐ WOF	RKING DAY	S	7]			₽	-]]	ļ							-		For Lab Use Only:
(703) 724-0544 Phone	TA	T if different fr	rom Below				2	5	<u>S</u>	1								ļ				Walk-in Client:
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Project Name: Gold King Mine - Region 9		1	l week			5	9	를 .	≌	l <u>e</u>			- 1				-					<u> </u>
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Sample Identification	Sample Date	Sample Time	Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered	Perform MS /	Total Metals;	Dissolved Metals; including Hg**	Pri (SW4500H) Alkalinity (SW2320B)	TSS (SM2540D)	TDS (SM2450C)										Sample Specific Notes:
SJME-081115-11	8/11/15	1330	G	W	4	Y	N	X	x >	x x	Х	X	T		T			T		1	T	
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Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please I Comments Section if the lab is to dispose of the sample.			odes for the	e sample	in the		Sar	mple	Dis	posa	i (A	\ fee	may	be a	sses	sed	if sa	mple	es ar	e re	taine	ed longer than 1 month)
Non-Hazard Flammable Skin Irritant	Poison	В	✓Unkno	wn			ل_ا	Ref	am t	o Clien	t			Dispo	sal by	Lab	in the second second		Arc	chive f	or	Months
Special Instructions/QC Requirements & Comments: (200.7: AI, Ca, Fe, K, Mg, Na) (200.8: Sb, As, Ba, Be, Cd, Cr, EPA 200.7, 200.8, 245.1	Co, Cu, Pk	o, Mn, Mo,	Ni, Ag, Se	, TI, V, Z	1N) (24	15.1 [Hg)	(SM	2340	0B) (, , ,	SI)-	-[(<	<u>`</u> _	18	<u> </u>	1		5	:4/5.8
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Login Sample Receipt Checklist

Client: Weston Solutions, Inc.

Job Number: 680-115487-2

Login Number: 115487 List Source: TestAmerica Savannah

List Number: 1

Creator: Daughtry, Beth A

Question	Answer	Comment
Radioactivity wasn't checked or is = background as measured by a survey meter.</td <td>N/A</td> <td></td>	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	False	WO# list on COC does not match Project Summary provided to lab
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Certification Summary

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115487-2

Laboratory: TestAmerica Savannah

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Colorado	State Program	8	N/A	12-31-15